

## Author Index to Volume 17

- Abdul Jawad, S. and M.S. Ahmad, Impedance behavior of liquid crystalline copolymers in the solid phase 17 (1993) 91
- Abe, S., N. Nakamura and K. Masumoto, The flexural strength and electrical properties of a B-doped BPSCCO superconductor 17 (1993) 4
- Ahila, S., P.B.S.N.V. Prasad, S. Ramakrishna Iyer and V.M. Radhakrishnan, Acceleration of high-temperature oxidation of manual metal arc welded 2.25Cr-1Mo steel by sulphate-chloride mixture 17 (1993) 155
- Ahila, S., see P.B.S.N.V. Prasad 17 (1993) 357
- Ahmad, A. and R.A. Collins, UV-visible spectroscopy of monoclinic and triclinic lead phthalocyanine 17 (1993) 292
- Ahmad, A.S., see G.A. El-Shobaky 17 (1993) 297
- Ahmad, M.S., see S. Abdul Jawad 17 (1993) 91
- Al-Aql, A.A., Z.H. Dughaish and M.R. Baig, Study of the martensitic transformation in shape-memory Nitinol proton-irradiated alloy by electrical resistivity measurements 17 (1993) 103
- Andreicut, M., see I. Pop 17 (1993) 79
- Andreicut, M., see I. Pop 17 (1993) 109
- Andreicut, M., see I. Pop 17 (1993) 114
- Aparna, Y., P.S. Reddy, S. Uthanna, B. Srinivasulu Naidu and P. Jayarama Reddy, Characterization of polycrystalline thin-film  $n\text{-Zn}_{0.35}\text{Cd}_{0.65}\text{S}/p\text{-CuGa}_{0.75}\text{In}_{0.25}\text{Se}_2$  heterojunctions 17 (1993) 282
- Apte, P.R., see A.G. Chourey 17 (1993) 9
- Ayyub, P., see A.K. Sharma 17 (1993) 42
- Baig, M.R., S. Messoloras and R.J. Stewart, A small-angle neutron-scattering study of the effects of low-dose electron irradiation on the precipitates in Al-11.8 at% Zn alloy 17 (1993) 99
- Baig, M.R., see A.A. Al-Aql 17 (1993) 103
- Banerjee, S., see A.K. Sharma 17 (1993) 42
- Basu, R.N., see D. Bhattacharya 17 (1993) 398
- Bergmann, R. and J. Kurianski, The role of hydrogen in silicon liquid phase epitaxy 17 (1993) 137
- Bertolotti, M., R. Li Voti, G. Liakhov and T.A. Ezquerro, Thermal diffusivity of polyethylene containing carbon 17 (1993) 171
- Bhalla, A.S., see S. Li 17 (1993) 21
- Bhattacharya, D., see A. Chattopadhyay 17 (1993) 179
- Bhattacharya, D., S.N. Roy, R.N. Basu, A. Das Sharma and H.S. Maiti, Critical current in electrophoretically deposited thick films of YBCO superconductor (Mater. Letters 16 (1993) 337). Erratum 17 (1993) 398
- Blecha, J., see L. Tichý 17 (1993) 268
- Burda, I., see I. Pop 17 (1993) 79
- Burda, I., see I. Pop 17 (1993) 109
- Burda, I., see I. Pop 17 (1993) 114

- Cain, M.G., A.M. Daniel and M.H. Lewis, Presynthesised interfaces for ceramic matrix composites via fibre coating 17 (1993) 246
- Castañó, V.M., see M.J. Rivera-Gastelum 17 (1993) 84
- Chattopadhyay, A., D. Bhattacharya and R.P. Singh, Reversible gel formation induced by ion complexation involving a cupric ion-guargum-graft-acrylamide interaction 17 (1993) 179
- Chen, N., see L.J. Martin 17 (1993) 232
- Chen, Z., Pressureless sintering of silicon carbide with additives of samarium oxide and alumina 17 (1993) 27
- Chen, Z., see Y. Zhu 17 (1993) 314
- Chourey, A.G., V.S. Shirodkar, C.P. D'Souza, P.R. Apte and R. Pinto, Superconducting transport properties of  $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$  films grown by hollow cathode magnetron sputtering 17 (1993) 9
- Collins, R.A., see A. Ahmad 17 (1993) 292
- Corrales, C., see M. Haro 17 (1993) 263
- Cross, L.E., see S. Li 17 (1993) 21
- Damodaran, A.D., see J. Koshy 17 (1993) 393
- Daniel, A.M., see M.G. Cain 17 (1993) 246
- Das Sharma, A., see D. Bhattacharya 17 (1993) 398
- Demazeau, G., see D. Michau 17 (1993) 192
- Denanot, M.F., see J.F. Dinhut 17 (1993) 37
- Dey, G.K., see A.K. Sharma 17 (1993) 42
- Diamandescu, L., D. Mihăilă-Tărăbășanu and M. Feder, On the solid phase transformation goethite  $\rightarrow$  hematite 17 (1993) 309
- Dihoiu, N., see I. Pop 17 (1993) 109
- Din, S. and M. Suleman, AES study of syntactic coalescence/overgrowth of  $\alpha$ -SiC (15R) on  $\alpha$ -SiC (6H) 17 (1993) 241
- Ding, B.Z., see H.G. Jiang 17 (1993) 69
- Ding, B.Z., see Y.Z. Wang 17 (1993) 152
- Dinhut, J.F. and M.F. Denanot, Solid xenon bubbles in Fe and Mo thin films 17 (1993) 37
- D'Souza, C.P., see A.G. Chourey 17 (1993) 9
- Dughaish, Z.H., see A.A. Al-Aql 17 (1993) 103
- El-Nabarawy, Th., see G.A. El-Shobaky 17 (1993) 297
- El-Shobaky, G.A., Th. El-Nabarawy, G.A. Fagal and A.S. Ahmad, Surface and catalytic properties of copper oxide supported on  $\text{Al}_2\text{O}_3$  and active carbon 17 (1993) 297
- Ezquerro, T.A., see M. Bertolotti 17 (1993) 171
- Fagal, G.A., see G.A. El-Shobaky 17 (1993) 297
- Feder, M., see L. Diamandescu 17 (1993) 309
- Feldman, A., see D. Shechtman 17 (1993) 211
- Feng, J., see H. Wang 17 (1993) 131
- Feng, Y.P., D.S. Robey, Y.Q. Wang, R.E. Giedd and M.G. Moss, Conductivity and stability in ion-implanted polyaniline 17 (1993) 167
- Ferris, K.F., Dipolar indicators of site acidity in metal oxides 17 (1993) 146
- Garcia-Garduño, M.J., see M.J. Rivera-Gastelum 17 (1993) 84
- García M., J., see E. Marquina 17 (1993) 95

Giedd, R.E., see Y.P. Feng	17 (1993) 167
Giri, A.K., Prediction of elastic constants of substitutional alloys	17 (1993) 353
Gopalkrishne Urs, R., see R. Somashekar	17 (1993) 323
Goretta, K.C., see L.J. Martin	17 (1993) 232
Gorokh, G.G., see V.F. Surganov	17 (1993) 121
Grannec, J., see N. Ruchaud	17 (1993) 287
Gravereau, P., see N. Ruchaud	17 (1993) 287
Guo, J.T., see C.G. Meng	17 (1993) 54
Haro, M., C. Corrales, P. Villares, E. Márquez and R. Jiménez-Garay, Thermoelectric and Hall effect in amorphous alloy $\text{As}_{0.20}\text{Se}_{0.40}\text{Te}_{0.40}$	17 (1993) 263
Hirata, Y. and K. Takeshima, Colloidal processing for laminated composites of mullite/alumina woven fabrics	17 (1993) 125
Hirata, Y. and K. Takeshima, Colloidal processing for preparation of laminated composites of mullite/woven fabrics of Si-Ti-C-O fibers	17 (1993) 374
Hong, J.M., see Y.Q. Yang	17 (1993) 369
Hu, Z., see L. Sun	17 (1993) 360
Hu, Z.Q., see C.G. Meng	17 (1993) 54
Hu, Z.Q., see H.G. Jiang	17 (1993) 69
Hu, Z.Q., see Y.Z. Wang	17 (1993) 152
Hu, Z.Q., see T.D. Shen	17 (1993) 258
Hughes, A.E., S. Rajendran and M.E. Smith, Characterisation of the thermal transformation of hydrous aluminas by XPS and NMR	17 (1993) 303
Hutchison, J., see D. Shechtman	17 (1993) 211
Ikeda, H., see K. Morii	17 (1993) 274
Iketani, N., see T. Matsui	17 (1993) 31
Itzhak, D. and P. Peled, Environmental behavior of glass-lined carbon steel in the presence of fluoropolymers	17 (1993) 312
Jayarama Reddy, P., see Y. Aparna	17 (1993) 282
Jiang, H.G., B.Z. Ding, H.Y. Tong, J.T. Wang and Z.Q. Hu, Diffusivity of Si in two amorphous alloys of $(\text{Fe-Ni})_{78}\text{Si}_{12}\text{B}_{10}$	17 (1993) 69
Jiménez-Garay, R., see M. Haro	17 (1993) 263
Jiménez-Garay, R., see J.B. Ramírez-Malo	17 (1993) 327
Jiménez-Garay, R., see I. Quiroga	17 (1993) 333
Joag, D.S., see A.K. Sharma	17 (1993) 42
Joag, S.D., see A.K. Sharma	17 (1993) 42
Joo, J., see L.J. Martin	17 (1993) 232
Kagawa, M., see M. Uzawa	17 (1993) 187
Kang, M.K., see Y.Q. Yang	17 (1993) 369
Kimura, T., see Z.J. Yang	17 (1993) 227
Kishan, P., see Y. Purushotham	17 (1993) 341
Kishio, K., see Z.J. Yang	17 (1993) 227
Kobayashi, T., see Z.J. Yang	17 (1993) 227
Koshy, J., J.K. Thomas, J. Kurian, Y.P. Yadava and A.D. Damodaran, Development and characterization of $\text{GdBa}_2\text{NbO}_6$ , a new ceramic substrate for YBCO thick films	17 (1993) 393



Kurian, J., see J. Koshy	17 (1993) 393
Kurianski, J., see R. Bergmann	17 (1993) 137
Lai, C.-H., see Y.-Y. Lu	17 (1993) 141
Leschnitzer, D.H., see D.F. Mullica	17 (1993) 63
Lewis, M.H., see M.G. Cain	17 (1993) 246
Li, B., see P. Liu	17 (1993) 383
Li, H., see X. Peng	17 (1993) 223
Li, J.-G., Influence of oxygen partial pressure on the wetting behaviour of titanium carbide by molten copper and other metals	17 (1993) 74
Li, S., A.S. Bhalla, R.E. Newnham and L.E. Cross, Quantitative evaluation of extrinsic contribution to piezoelectric coefficient $d_{33}$ in ferroelectric PZT ceramics	17 (1993) 21
Liakhov, G., see M. Bertolotti	17 (1993) 171
Lin, C., see P. Liu	17 (1993) 383
Liu, D., L. Ma, D.A. Payne and D.D. Viehland, Sol-gel synthesis of $\text{Pb}(\text{Sc}_{0.5}\text{Ta}_{0.5})\text{O}_3$ powders and thin layers	17 (1993) 319
Liu, D.H., see Y.Q. Yang	17 (1993) 369
Liu, P., B. Li, Z. Zhou, C. Lin and S. Zou, Growth of epitaxial $\text{CoSi}_2$ film on $\text{Si}(100)$ substrate induced by an interfacial Ti layer	17 (1993) 383
Liu, X.D., see Y.Z. Wang	17 (1993) 152
Liu, X.Y., see C.G. Meng	17 (1993) 54
Li Voti, R., see M. Bertolotti	17 (1993) 171
Lu, B., see Y. Zhu	17 (1993) 314
Lu, Y.-Y., C.-H. Lai and T.-Y. Tseng, Influence of sintering profile on the resistivity of low-Curie-point PTCR ceramics	17 (1993) 141
Ma, L. and G. Sines, Threshold size for cyclic fatigue crack propagation in a pyrolytic carbon	17 (1993) 49
Ma, L., see D. Liu	17 (1993) 319
Mackenzie, J.D., see S.-S. Park	17 (1993) 346
Maiti, H.S., see D. Bhattacharya	17 (1993) 398
Mannan, S.L., see S. Venugopal	17 (1993) 388
Márquez, E., see M. Haro	17 (1993) 263
Márquez, E., see J.B. Ramírez-Malo	17 (1993) 327
Marquina, E., J. García M. and M.A. Mondragón, UV light effect in $\alpha\text{-Al}_2\text{O}_3\text{:C}$ gamma dosimeter	17 (1993) 95
Martin, L.J., K.C. Goretta, J. Joo, J.P. Sing, S.R. Olson, S. Wasylenko, R.B. Poeppel and N. Chen, Mechanical properties of $\text{BiSrCaCuO/Ag}$ superconductors	17 (1993) 232
Masumoto, K., see S. Abe	17 (1993) 4
Matsui, T., N. Iketani, K. Morii and Y. Nakayama, The effect of substrate heating on phase evolution and texture development by solid-state reaction of thin multilayered Pt/Mn/Sb films	17 (1993) 31
McGinn, P.J., see C. Varanasi	17 (1993) 205
Megherhi, M., see Z. Ounaies	17 (1993) 13
Meng, C.G., J.T. Guo, X.Y. Liu and Z.Q. Hu, A new criterion of hardness for materials with rocksalt structure	17 (1993) 54
Merkle, K.L. and D. Wolf, Quasiperiodic features in the atomic structure of long-period grain boundaries	17 (1993) 217

Messoloras, S., see M.R. Baig	17 (1993) 99
Michau, D., B. Tanguy and G. Demazeau, CVD deposition of diamond on nitrides and oxides as substrates	17 (1993) 192
Mihăilă-Tărăbășanu, D., see L. Diamandescu	17 (1993) 309
Mondragón, M.A., see E. Marquina	17 (1993) 95
Monroy, V.M., see M.J. Rivera-Gastelum	17 (1993) 84
Morii, K., see T. Matsui	17 (1993) 31
Morii, K., H. Ikeda and Y. Nakayama, Effects of annealing on the structural and optical properties of amorphous thin films of Ga-55 mol% S	17 (1993) 274
Moss, M.G., see Y.P. Feng	17 (1993) 167
Mullica, D.F. and D.H. Leschnitzer, A short-range order structural investigation of amorphous europium, gadolinium, and terbium hydrous oxides	17 (1993) 63
Multani, M., see A.K. Sharma	17 (1993) 42
Nakamura, N., see S. Abe	17 (1993) 4
Nakayama, Y., see T. Matsui	17 (1993) 31
Nakayama, Y., see K. Morii	17 (1993) 274
Nalwa, H.S., Infrared and electron spin resonance spectroscopic characterization of a processable electrically conducting copolymer of 3-methylthiophene and methyl methacrylate	17 (1993) 175
Newnham, R.E., see S. Li	17 (1993) 21
Ogale, S.B., see A.K. Sharma	17 (1993) 42
Olson, S.R., see L.J. Martin	17 (1993) 232
Oswald, J., see M. Závětová	17 (1993) 237
Ounaies, Z., F. Selmi, V.K. Varadan, V.V. Varadan and M. Megherhi, Microwave calcination of conventionally and sol-gel prepared lead zirconate titanate	17 (1993) 13
Öztürk, M.C., see G.C. Xing	17 (1993) 379
Park, S.-S., H. Zheng and J.D. Mackenzie, Ethanol gas sensing properties of SnO <sub>2</sub> -based thin-film sensors prepared by the sol-gel process	17 (1993) 346
Pastrňák, J., see M. Závětová	17 (1993) 237
Payne, D.A., see D. Liu	17 (1993) 319
Peled, P., see D. Itzhak	17 (1993) 312
Peng, X. and H. Li, Nucleation and growth observations of diamond grown on cast tungsten carbide (W <sub>2</sub> C+WC) particles by low-pressure CVD	17 (1993) 223
Phillips, J.C., Lattice instabilities and high-temperature superconductivity in the parent structure (Sr,M)CuO <sub>2-y</sub>	17 (1993) 1
Pilleux, M.E., see A. Varschavsky	17 (1993) 364
Pinto, R., see A.G. Chourey	17 (1993) 9
Poeppel, R.B., see L.J. Martin	17 (1993) 232
Pogany, A.P., see Z. Rao	17 (1993) 253
Pop, I., M. Andreut and I. Burda, Structural and magnetic characteristic of the intermetallic compounds Ho <sub>2</sub> Al <sub>17</sub> and Ho <sub>2</sub> Ni <sub>17</sub>	17 (1993) 79
Pop, I., M. Andreut, I. Burda and N. Dihoiu, Structural and mechanical properties of Er <sub>2</sub> Ni <sub>17-x</sub> Al <sub>x</sub> intermetallic compounds	17 (1993) 109
Pop, I., M. Andreut and I. Burda, Magnetic behavior of the pseudobinary intermetallic compounds Er <sub>2</sub> Ni <sub>17-x</sub> Al <sub>x</sub>	17 (1993) 114

- Prasad, P.B.S.N.V., see S. Ahila 17 (1993) 155
- Prasad, P.B.S.N.V., R. Vasudevan, S.K. Seshadri and S. Ahila, The effect of ultrasonic vibration on nickel electrodeposition 17 (1993) 357
- Prasad, Y.V.R.K., see S. Venugopal 17 (1993) 388
- Puig, J.E., see M.J. Rivera-Gastelum 17 (1993) 84
- Purushotham, Y., M.B. Reddy, P. Kishan, D.R. Sagar and P. Venugopal Reddy, Electrical conductivity and thermopower studies of titanium-substituted lithium-magnesium ferrites 17 (1993) 341
- Qian, Y., see Y. Zhu 17 (1993) 314
- Qiao, G.W., see Y.Z. Wang 17 (1993) 152
- Qiu, C.X., see S.N. Qiu 17 (1993) 190
- Qiu, S.N., C.X. Qiu and I. Shih, Refractive index of electrodeposited CuInSe<sub>2</sub> films 17 (1993) 190
- Quan, M.X., see T.D. Shen 17 (1993) 258
- Quiroga, I., J. Vázquez, P. Villares and R. Jiménez-Garay, Analysis of short-range order and structural model in the glassy semiconductor Ge<sub>0.20</sub>Sb<sub>0.20</sub>Se<sub>0.60</sub> by X-ray diffraction 17 (1993) 333
- Radhakrishnan, V.M., see S. Ahila 17 (1993) 155
- Rajendran, S., see A.E. Hughes 17 (1993) 303
- Ramakrishna Iyer, S., see S. Ahila 17 (1993) 155
- Ramírez-Malo, J.B., E. Márquez, P. Villares and R. Jiménez-Garay, Refractive-index dispersion and optical-absorption edge of physically vapor-deposited films of the As<sub>35</sub>S<sub>65</sub> chalcogenide glass 17 (1993) 327
- Rani, V.K.M., see R. Venugopal 17 (1993) 159
- Rao, Z., J.S. Williams, A.P. Pogany and D.K. Sood, Observation of a buried amorphous layer induced by Si implantation into Ni 17 (1993) 253
- Reddy, B.K., see R. Venugopal 17 (1993) 159
- Reddy, D.R., see R. Venugopal 17 (1993) 159
- Reddy, M.B., see Y. Purushotham 17 (1993) 341
- Reddy, P.S., see Y. Aparna 17 (1993) 282
- Rincón, C., see M.L. Valeri-Gil 17 (1993) 59
- Rivera-Gastelum, M.J., O. Robles-Vazquez, J.E. Puig, M.J. Garcia-Garduño, V.M. Castaño and V.M. Monroy, Effect of polystyrene block on the rheological and structural properties of high-styrene-content SBRs 17 (1993) 84
- Robey, D.S., see Y.P. Feng 17 (1993) 167
- Robles-Vazquez, O., see M.J. Rivera-Gastelum 17 (1993) 84
- Roy, S.N., see D. Bhattacharya 17 (1993) 398
- Ruchaud, N., J. Grannec, A. Tressaud and P. Gravereau, X-ray powder structure determination and magnetic behavior of CsNiPdF<sub>5</sub> 17 (1993) 287
- Russek, K. and L. Stojanova, Viscous flow behaviour and thermal stability of Ni<sub>100-x</sub>P<sub>x</sub> metallic glasses from Ni<sub>84</sub>P<sub>16</sub> to Ni<sub>79</sub>P<sub>21</sub> 17 (1993) 199
- Sagar, D.R., see Y. Purushotham 17 (1993) 341
- Selmi, F., see Z. Ounaies 17 (1993) 13
- Seshadri, S.K., see P.B.S.N.V. Prasad 17 (1993) 357
- Sharma, A.K., R.D. Vispute, D.S. Joag, S.B. Ogale, S.D. Joag, P. Ayyub, M. Multani, G.K. Dey and S. Banerjee, Diamond nucleation at the organic liquid-metal interface by laser-induced reactive quenching 17 (1993) 42



Shechtman, D., A. Feldman and J. Hutchison, High-order twin boundaries in CVD diamond films	17 (1993) 211
Shen, H.M., see Y.Q. Yang	17 (1993) 369
Shen, T.D., Y.L. Wu, M.X. Quan, J.T. Wang and Z.Q. Hu, Calculation of the temperature for formation of competing intermetallic compounds in Ni/Ti multilayers	17 (1993) 258
Shih, I., see S.N. Qiu	17 (1993) 190
Shirodkar, V.S., see A.G. Chourey	17 (1993) 9
Sines, G., see L. Ma	17 (1993) 49
Sing, J.P., see L.J. Martin	17 (1993) 232
Singh, R.P., see A. Chattopadhyay	17 (1993) 179
Smith, M.E., see A.E. Hughes	17 (1993) 303
Somashekar, R. and R. Gopalkrishne Urs, Effect of soap solution on microstructural parameters in silk fibres	17 (1993) 323
Sood, D.K., see Z. Rao	17 (1993) 253
Srinivasulu Naidu, B., see Y. Aparna	17 (1993) 282
Stewart, R.J., see M.R. Baig	17 (1993) 99
Stojanova, L., see K. Russew	17 (1993) 199
Suleman, M., see S. Din	17 (1993) 241
Sun, L., Q. Wu, J. Zhang and Z. Hu, MC morphology in a directional solidified nickel-based superalloy	17 (1993) 360
Sun, W., see H. Wang	17 (1993) 131
Surganov, V.F. and G.G. Gorokh, Anodic oxide cellular structure formation on aluminum films in tartaric acid electrolyte	17 (1993) 121
Syono, Y., see M. Uzawa	17 (1993) 187
Takeshima, K., see Y. Hirata	17 (1993) 125
Takeshima, K., see Y. Hirata	17 (1993) 374
Tanguy, B., see D. Michau	17 (1993) 192
Thomas, J.K., see J. Koshy	17 (1993) 393
Tichá, H., see L. Tichý	17 (1993) 268
Tichý, L., H. Tichá, J. Blecha and M. Vlček, Compositional trend of the blue shift of the gap in $\text{Ge}_x\text{S}_{100-x}$ thin amorphous films induced by annealing and illumination	17 (1993) 268
Tong, H.Y., see H.G. Jiang	17 (1993) 69
Tressaud, A., see N. Ruchaud	17 (1993) 287
Tseng, T.-Y., see Y.-Y. Lu	17 (1993) 141
Uthanna, S., see Y. Aparna	17 (1993) 282
Uzawa, M., M. Kagawa and Y. Syono, Synthesis of barium hexaaluminate by the spray-ICP technique	17 (1993) 187
Valeri-Gil, M.L. and C. Rincón, Thermal conductivity of ternary chalcopyrite compounds	17 (1993) 59
Varadan, V.K., see Z. Ounaies	17 (1993) 13
Varadan, V.V., see Z. Ounaies	17 (1993) 13
Varanasi, C. and P.J. McGinn, Effect of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ grain size on the nucleation of $\text{Y}_2\text{BaCuO}_5$ during melt texturing	17 (1993) 205
Varschavsky, A. and M.E. Pilleux, A model for describing the short-range-order anisothermal kinetics in metallic alloys	17 (1993) 364

- Vasudevan, R., see P.B.S.N.V. Prasad 17 (1993) 357  
Vázquez, J., see I. Quiroga 17 (1993) 333  
Venugopal, R., V.K.M. Rani, R.P. Vijayalakshmi, D.R. Reddy and B.K. Reddy, Electrical properties of  $(\text{ZnTe})_x(\text{CdSe})_{1-x}$  single crystals 17 (1993) 159  
Venugopal, S., S.L. Mannan and Y.V.R.K. Prasad, Influence of cast versus wrought microstructure on the processing map for hot working of stainless steel type AISI 304 17 (1993) 388  
Venugopal Reddy, P., see Y. Purushotham 17 (1993) 341  
Viehland, D.D., see D. Liu 17 (1993) 319  
Vijayalakshmi, R.P., see R. Venugopal 17 (1993) 159  
Villares, P., see M. Haro 17 (1993) 263  
Villares, P., see J.B. Ramírez-Malo 17 (1993) 327  
Villares, P., see I. Quiroga 17 (1993) 333  
Vispute, R.D., see A.K. Sharma 17 (1993) 42  
Vlček, M., see L. Tichý 17 (1993) 268
- Wang, C., see Y. Zhu 17 (1993) 314  
Wang, H., W. Sun, H. Zhuang, J. Feng and T.S. Yen, Microstructural observation of  $\beta'$ -sialon-12H multiphase ceramics by HREM 17 (1993) 131  
Wang, J.T., see H.G. Jiang 17 (1993) 69  
Wang, J.T., see T.D. Shen 17 (1993) 258  
Wang, Y.N., see Y.Q. Yang 17 (1993) 369  
Wang, Y.Q., see Y.P. Feng 17 (1993) 167  
Wang, Y.Z., G.W. Qiao, X.D. Liu, B.Z. Ding and Z.Q. Hu, Electrical resistivity of nanocrystalline Fe-Cu-Si-B alloys obtained by crystallization of the amorphous alloy 17 (1993) 152  
Wasylenko, S., see L.J. Martin 17 (1993) 232  
Williams, J.S., see Z. Rao 17 (1993) 253  
Wolf, D., see K.L. Merkle 17 (1993) 217  
Wu, Q., see L. Sun 17 (1993) 360  
Wu, Y.L., see T.D. Shen 17 (1993) 258
- Xing, G.C. and M.C. Öztürk, Formation of self-aligned  $\text{TiSi}_2$  contacts to Si at low temperatures using  $\text{TiCl}_4$  and  $\text{SiH}_4$  with selective in-situ predeposition of  $\text{Si}_x\text{Ge}_{1-x}$  17 (1993) 379
- Yadava, Y.P., see J. Koshy 17 (1993) 393  
Yang, Y.Q., Z.F. Zhang, H.M. Shen, Y.N. Wang, X.N. Zhao, J.M. Hong, D.H. Liu and M.K. Kang, Composition change during bainite transformation in Cu-based shape memory alloys 17 (1993) 369  
Yang, Z.J., K. Kishio, T. Kimura, T. Kobayashi and S.L. Yuan, Determination of irreversibility line of an  $\text{La}_{1.87}\text{Sr}_{0.13}\text{CuO}_4$  single crystal: a scaling approach 17 (1993) 227  
Yen, T.S., see H. Wang 17 (1993) 131  
Yuan, S.L., see Z.J. Yang 17 (1993) 227
- Závětová, M., J. Pastrňák and J. Oswald, Spectroscopic study of Si-related defects in non-homogeneous GaAs:Si 17 (1993) 237  
Zhang, J., see L. Sun 17 (1993) 360  
Zhang, M., see Y. Zhu 17 (1993) 314  
Zhang, Z.F., see Y.Q. Yang 17 (1993) 369



Zhao, X.N., see Y.Q. Yang	17 (1993) 369
Zheng, H., see S.-S. Park	17 (1993) 346
Zhou, Z., see P. Liu	17 (1993) 383
Zhu, Y., Y. Qian, M. Zhang, Z. Chen, B. Lu and C. Wang, Preparation of nanocrystalline silver powders by $\gamma$ -ray radiation combined with hydrothermal treatment	17 (1993) 314
Zhuang, H., see H. Wang	17 (1993) 131
Zou, S., see P. Liu	17 (1993) 383

